

ABSTRACT OF THE DISCLOSURE

In an image forming apparatus: pixel portions of a spatial light-modulation element are two-dimensionally arranged, and individually modulate portions of light applied to the spatial light-modulation element, according to control signals; a first image-forming optical system is arranged in optical paths of the portions of the light modulated by the pixel portions; a microlens array is arranged in a vicinity of an image-forming plane of the first image-forming optical system, and has microlenses arranged in correspondence with the pixel portions, respectively; and a second image-forming optical system is arranged in optical paths of the portions of the light which have passed through the microlenses, and forms on a predetermined surface an image represented by the portions of the light modulated by the spatial light-modulation element. Each of the first and second image-forming optical systems forms an image with a magnification power greater than one.